

## Key Words for USGS/NEHRP Proposals

Key Words are to be entered on the NEHRP Proposal Information Summary (Attachment F)

**Choose up to 4 of the most pertinent key words only from this list.**

### Geology

- Neotectonics
- Regional modeling
- Trench Investigations
- Fault Segmentation
- Quaternary Fault Behavior
- Paleoseismology
  - Recurrence interval
  - Rupture characteristics
  - Tsunami
  - Tectonic Geomorphology
  - Surface Deformation
  - Paleoliquefaction
- Geologic Mapping
  - Surficial Deposits
  - Tectonic Structures
- Age Dating
- Slope Failures (includes landslides)

### Geophysics

- Seismology
  - Wave Propagation
  - Strong ground motion
  - Source characteristics
  - Engineering seismology
  - Seismotectonics
  - Reflection Seismology
- Tectonophysics
  - Thermophysical Modeling
  - Fault dynamics
  - Fault stress interactions
  - Laboratory studies
  - Borehole geophysics
- Geodesy
  - GPS-Continuous
  - GPS-Campaign
  - Leveling
  - Strain Measurements
  - Creep Measurements

### Hazards and Engineering

- Structural
  - Building response
  - Soil-structure interaction
- Geotechnical
  - Liquefaction
  - Site effects
- Probabilistic Seismic Hazards
- Regional Seismic Hazards
- Strong ground motion
  - Amplification
  - Seismic zonation
- Building Codes

### Socio-Economic

- Earthquake effects
- Earthquake forecasting
- Loss estimation
- Earthquake probabilities
- Earthquake scenarios
- Mitigation
- Planning
  - Emergency preparedness
  - Recovery and reconstruction
  - Land use
- Policy

### Outreach and Education

- Education-professional
- Education-lay
- Information transfer
- Real-time earthquake information
- Database